

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR2003/002789

**A. CLASSIFICATION OF SUBJECT MATTER****IPC7 C22B 1/14**

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC7 C22B 1/14

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean Patents and Applications for Invention since 1975

Korean Utility Models and Applications for Invention since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

KIPO-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4,076,520 (Midrex Corporation) 28 February 1978 see the whole document	1-30
A	KR 2002-49590 (POSCO) 26 June 2002 see the whole document	1-30
T	KR 2003-41808 (Maschinenfabrik Kopern GmbH & Co KG) 27 May 2003 see the whole document	1-30

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

## \* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&amp;" document member of the same patent family

Date of the actual completion of the international search

02 APRIL 2004 (02.04.2004)

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Name and mailing address of the ISA/KR

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## INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/JP2003/002789

Patent document  
cited in search reportPublication  
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member(s)Publication  
date

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